

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
F-11810

SERIAL NO.

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

(37 CFR 1.98(b))

APPLICANT
Keiichi HAYASHIFILING DATE
16 November 2001

GROUP

11017 U.S. PTD
09/987868
31/16/01

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | PATENT NUMBER | ISSUE DATE | PATENTEE | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|---------------|---------------|----------|-------|--------------|-------------------------------|
| | AA | | | | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

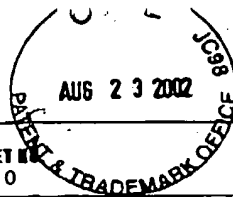
| | | DOCUMENT NO. | PUBL. DATE | COUNTRY OR PATENT OFFICE | CLASS | SUB CLASS | TRANSLATION YES NO |
|----|----|--------------|---------------|-------------------------------|-------|--------------|-------------------------|
| TP | AI | 5-103053 | 4/93 | Japan (with English Abstract) | | | No |
| TP | AJ | 10-173737 | 6/98 | Japan (with English Abstract) | | | No |
| TP | AK | 2000-134332 | 5/00 | Japan (with English Abstract) | | | No |
| TP | AL | 2000-196715 | 7/00 | Japan (with English Abstract) | | | No |
| TP | AM | WO 98/25397 | 6/98 | International | | | Yes |
| TP | AN | 2000-504542 | 4/00 | Japan | | | No (see WO 98/25397) |

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

| | | |
|--|----|--|
| | AO | |
| | AP | |
| | AQ | |

EXAMINER *TUAN PHAM*DATE CONSIDERED *8/28/04*

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. ROCKET
F-11810SERIAL NO.
09/987,868**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

37 CFR 1.98(b)

APPLICANT
Keiichi HAYASHIFILING DATE
November 16, 2001GROUP
2642**U.S. PATENT DOCUMENTS**

| EXAMINER INITIAL | | PATENT NUMBER | ISSUE DATE | PATENTEE | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|---------------|---------------|----------|-------|--------------|-------------------------------|
| TD | AA | 4,753,148 | 06/88 | Johnson | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |

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AUG 26 2002

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Technology Center 2600

| | | DOCUMENT NO. | PUBL. DATE | COUNTRY OR PATENT OFFICE | CLASS | SUB CLASS | TRANSLATION YES NO |
|----|----|-------------------|---------------|--------------------------|-------|--------------|-----------------------------|
| TP | AI | 01/19056 A1 | 03/01 | WO | | | |
| TP | AJ | A 2001- 320447 | 11/01 | JP | | | with English abstract |
| TP | AK | A 2001- 274869 | 10/01 | JP | | | with English abstract |
| TP | AL | A 2001-53839 | 02/01 | JP | | | with English abstract |
| | AM | | | | | | |
| | AN | | | | | | |
| | AO | | | | | | |
| | AP | | | | | | |
| | AQ | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

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| | AT | |
| | AU | |
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| | AX | |
| | AY | |

EXAMINER

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTN. DOCKET NO.
8028-1018SERIAL NO.
09/987,868INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

37 CFR 1.98(b)

APPLICANT
Keiichi HAYASHIFILING DATE
November 16, 2001GROUP
2642

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | PATENT & TRADEMARK OFFICE | PATENT NUMBER | ISSUE DATE | PATENTEE | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|---------------------|---------------------------|--------------------------|---------------|----------|-------|--------------|-------------------------------|
| TP | AA | US 2001/0023197 A1 | 09/01 | Shibata | | | |
| | AB | | | | | | RECEIVED |
| | AC | | | | | | MAY 05 2003 |
| | AD | | | | | | Technology Center 2600 |

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

| | | DOCUMENT NO. | PUBL. DATE | COUNTRY OR PATENT OFFICE | CLASS | SUB CLASS | TRANSLATION YES NO |
|----|----|-------------------|---------------|--------------------------|-------|--------------|-----------------------------|
| TP | AI | A 9-191333 | 07/97 | JP | | | with English abstract |
| TP | AJ | 02/00498 A1 | 01/02 | WO | | | |
| TP | AK | GB 2 367 723 A | 04/02 | UK | | | |
| TP | AL | 1 264 620 A1 | 12/02 | EP | | | |
| | AM | | | | | | |
| | AN | | | | | | |
| | AO | | | | | | |
| | AP | | | | | | |
| | AQ | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

| | |
|----|--|
| AT | BBC News, "Mobiles get a sense of touch," 21 January 2003, Alfred Hermida, news.bbc.co.uk/1/hi/technology/2677813.stm. |
| AU | |
| AV | |
| AX | |
| AY | |

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* Abstract provided for the Examiner's convenience

Y&T November 26, 2003

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